

**In the Claims**

Claims 1-4 are cancelled.

5. (Currently amended) A combinatorial library consisting of multiple copies of D-peptides linked to supports so that the linked D-peptides are accessible for binding with proteins in the water based fluid phase added to the support, wherein the length of each D-peptide is ~~from three to seven~~ five D-amino acid residues, and ~~wherein the aromatic amino acid residues are selected from the group consisting of D-tryptophan, D-tyrosine, and D-phenylalanine, and~~ wherein at least 68% of the D-peptides consist of at least three aromatic D-amino acid residues and the remaining amino acids are selected from the group consisting of glycine and D-alanine.

Claims 6-43 are cancelled.

44. (Currently amended) The combinatorial library of claim 5 wherein the supports ~~consists~~ consist of ~~a bead~~ beads.

45. (Cancelled)

Claims 46-51 are cancelled.

52. (New) The combinatorial library of claim 5, wherein the aromatic D-amino acid residues are selected from the group consisting of D-tryptophan, D-tyrosine, and D-phenylalanine.

53. (New) A combinatorial library consisting of multiple copies of D-peptides linked to supports so that the linked D-peptides are accessible for binding with proteins in the water based fluid phase added to the support, wherein the length of each D-peptide is five D-amino acid residues, and wherein at least 68% of the D-peptides consist of at least three aromatic D-amino acid residues, and wherein the aromatic amino acid residues are selected from the group consisting of D-tryptophan, D-tyrosine, and D-phenylalanine, and the remaining amino acids are selected from the group consisting of glycine and D-alanine.